

CLEAN WATER

State Revolving Fund

**Intended Use Plan and Project Priority Lists for
Fiscal Year 2022**

Oct. 1, 2021 through Sept. 30, 2022

Approved by the Missouri Clean Water Commission – Oct. 12, 2021



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Cover photo: Two 3.9 million gallon storage tanks, constructed by the Metropolitan St. Louis Sewer District, as part of the Gravois Trunk Sanitary Storage Facility, located in Crestwood, Missouri. The project includes diversion structures, consolidation sewers, a pump station, and remote Supervisory Control and Data Acquisition monitoring. It eliminates two constructed sanitary sewer overflows. During storm events, the facility captures upstream excess sanitary sewage flows and diverts them to the tanks for storage. After storm events, the facility gradually releases stored wastewater to the downstream sewers, continuing to the Lemay Wastewater Treatment Facility for treatment.

Photo by Tom Paule Photography.

Missouri Clean Water State Revolving Fund Program

The Missouri Department of Natural Resources administers the Clean Water State Revolving Fund (CWSRF). As a condition of a federal agreement with the U.S. Environmental Protection Agency (EPA), the Department must submit an annual plan for the use of federal funds awarded and a strategy for managing the program in accordance with the Clean Water Act Section 606. This CWSRF Intended Use Plan (IUP) is the annual plan for Federal Fiscal Year (FFY) 2022.

Missouri applies to the EPA annually for a capitalization grant to fund its CWSRF program. These funds, combined with the required state match and interest earnings, are available to Missouri communities in the form of low-interest loans. As the loans are repaid, the money is reused, or revolved, by the program to provide for future projects.

Since 1989, the CWSRF has committed approximately \$3 billion in below-market rate loans and approximately \$96.7 million in grants to meet Missouri's wastewater infrastructure needs, saving 642 Missouri cities, counties, sewer districts, and others more than \$1.1 billion. Approximately \$22.5 million has been obligated to nonpoint source projects through the CWSRF since 1989. Farmers, livestock producers, watershed organizations, cities, rural homeowners, and others have benefited from these loans and grants.

The CWSRF loan program was established by the 1987 Clean Water Act amendments to provide a renewable financing source for wastewater infrastructure and nonpoint source water pollution control to protect waters of the state. Operation and management of Missouri's CWSRF program is directed by regulations 10 CSR 20-4.040, 10 CSR 20-4.041, and 10 CSR 20-4.050
sos.mo.gov/cmsimages/adrules/csr/current/10csr/10c20-4.pdf.

The CWSRF is managed by the Department and the Environmental Improvement and Energy Resources Authority (EIERA). The Department, with oversight from the Clean Water Commission, is responsible for programmatic functions, including processing applications, priority scoring, IUP preparation, environmental review and permitting, reporting, and financial assistance disbursement and repayment processing. EIERA issues bonds, manages related tax issues, and monitors post-issuance compliance. The Department and EIERA work together to maximize the amount of construction that can be supported by the program, and reserve the right to refinance, assign, pledge, or leverage any loans originated through the CWSRF program.

The Department continually refines the CWSRF program to ensure it offers affordable financing to meet today's high priority water quality improvement needs and provides a stable source of funding for clean water infrastructure projects well into the future. This IUP summarizes the development and management of the CWSRF Project Priority Lists and state assurances required by federal mandates. It also details the proposed distribution of Missouri's anticipated CWSRF capitalization grants, state match funds, the repayments of previously awarded loans, and the interest earnings from the repayment account deposits for FFY 2022.

CWSRF Funding At-A-Glance

This table summarizes the funding opportunities for FFY2022, but is not an all-encompassing description of criteria for each. See below for additional details.

	Eligible Population	Funding Type	Funding Availability	Application	Application Deadline
SRF Loan Only	Political subdivisions of the state	Low-interest loan	Competitively scored based on SRF priority point criteria. Funds are usually available for all projects	CWSRF Loan Application	March 1 for first preference, but applications are accepted anytime
SRF Loan with Affordability Grant	Political subdivisions of the state serving 20,000 or less	Low-interest loan with partial grant - up to \$2 million, may not exceed 50 percent of the project funding request	Eligibility established with a scoring matrix, then competitively scored based on SRF priority point criteria	CWSRF Loan Application	March 1*
SRF Loan with Water Quality Incentive Grant	Political subdivisions of the state	Low-interest loan with partial grant - amounts vary, may not exceed 50 percent of the project funding request	Eligibility established with qualified component, then competitively scored based on SRF priority point criteria	CWSRF Loan Application	March 1*
Regionalization Incentive Grant	Political subdivisions of the state	Grant to a municipality to connect certain wastewater facilities	Competitively scored based on Regionalization Incentive Grant criteria	CWSRF Regionalization Incentive Grant Application	March 1
Clean Water Engineering Report Grant	Political subdivisions of the state serving 10,000 or less	Grant up to \$50,000 with 20 percent match	First-come, first served as long as funds are available	Clean Water Engineering Report Grant Application	Anytime
Integrated Management Plan Grant	Political subdivisions of the state serving 20,000 or less	Grant up to \$50,000 with 50 percent match	First-come, first served as long as funds are available	Integrated Management Plan Grant Application	Anytime

* In order to be eligible for grant allocation, the applicant must submit a project application accompanied by a facility plan and documentation of the applicant's debt security instrument.

Fiscal Year 2022 Clean Water State Revolving Fund Program Goals

Each year, the Department evaluates the operations and the financial structures of the CWSRF to gauge program effectiveness and to improve program services and investment returns. The Department develops both long-term and short-term goals to continually improve the program.

Long-term goals:

- Provide assistance to water quality improvement actions that help fulfill the objectives of the Clean Water Act.
- Provide assistance to projects that increase the long-term sustainability of wastewater treatment systems, and incentivize projects that consolidate, interconnect, or regionalize wastewater treatment.
- Provide assistance to projects which will help address the issues (e.g., harmful algal blooms) caused by excessive nutrient loading of streams, rivers, and lakes.
- Provide assistance and support for technically appropriate and financially sustainable projects.
- Manage projects and work efficiently with participants to ensure projects proceed toward a binding commitment in a timely manner.
- Maintain the long-term integrity of the revolving fund by applying prudent financial standards to assistance provided to participants.

Short-term goals:

- Utilize additional subsidization incentives and outreach to increase use of the CWSRF projects.
- Plan and implement a programmatic financing structure that offers a reliable funding mechanism for entities with significant capital spending needs.
- Have the CWSRF priority point criteria (Appendix 5) updated and approved by the Missouri Clean Water Commission at least 60 days prior to the application deadline of March 1, 2022.

Fiscal Year 2022 Clean Water State Revolving Fund Available Funding

During FFY 2022, the CWSRF program expects to have approximately \$480 million available for new CWSRF projects. This includes carryover monies from previous years, loan repayments, interest earnings on investments of CWSRF resources, federal capitalization grants, and state match. This amount is based on anticipated loan repayments and the state's estimated allocation from the FFY2021 CWSRF capitalization grant. Project Lists are in Appendix 1.

Deadline, Eligibility, Terms, Prioritization, Listing Process

Eligible project types

CWSRF program dollars typically help municipalities build or improve wastewater treatment plants. However, nonpoint source pollution control projects may also be funded through the CWSRF. These types of projects include urban runoff, wet weather flow, stormwater, sewer overflows, water reuse and conservation, and alternative treatment projects.

Wastewater projects may include the following:

- New treatment plants
- Treatment plant improvements and upgrades
- Acquisition of an existing wastewater treatment plant
- Sewer rehabilitation
- Sewer line extensions associated with regionalization projects
- Treatment plant decommissioning actions associated with plant replacement or regionalization projects
- Sewer line extensions to existing unsewered properties
- Combined sewer overflow and sanitary sewer overflow corrections
- Projects for reusing or recycling wastewater
- System security, efficiency, and conservation measures

Nonpoint source pollution control projects may include the following:

- Measures to manage, reduce, treat, reuse, or recapture stormwater or subsurface drainage water
- Wetland protection and restoration measures
- Decentralized wastewater treatment systems
- Source water protection measures

State regulations describe eligible and ineligible expenses. Examples of eligible costs include engineering costs for planning and design, land if needed for the project, legal costs, and construction costs. A full list is available in 10 CSR 20-4.040 at

sos.mo.gov/cmsimages/adrules/csr/current/10csr/10c20-4.pdf.

Eligible loan applicants

- Municipalities, counties, public sewer or water districts, political subdivisions, or instrumentalities of the state are eligible for wastewater and nonpoint source pollution control project loans.
- Privately-owned and nonprofit facilities may be eligible to apply for nonpoint source pollution control loans.

All eligible applicants must demonstrate financial, legal, technical, and managerial capability to enter into a binding financial commitment.

Terms of financial assistance

The CWSRF offers a fixed-rate loan with a subsidized target interest rate of 70 percent below the market rate published the week prior to loan closing. The market interest rate is based on The Bond Buyer's 25-Revenue Bond Index, which provides an estimate of the yield on a 30-year revenue bond offered under current market conditions (comparable to an AAA-rated municipal market rate). Loan proceeds must be expended within 36 months of the loan closing.

The standard loan term is 20 years. However, terms of up to 30 years, not to exceed the useful life of the project, are available with an additional 0.25 percent interest added to the target interest rate. Applicants with significant existing debt may request to delay the repayment of new debt around the existing debt service, with a customized loan repayment structure, not to exceed the 20 or 30 year loan term. The Department charges an annual fee of 0.5 percent of the outstanding loan balance. The fee is used to administer the CWSRF program and to fund other Department water quality activities in accordance with federal regulations.

The CWSRF program makes loans that are evidenced and secured by a borrower's debt obligation. Thus, each applicant must demonstrate it has secured bond authorization with a dedicated repayment source in order to provide the appropriate loan security. The bond is ordinarily a Revenue Bond or a General Obligation Bond, but Special Obligation Bond may be accepted in certain circumstances. Each borrower must be represented by a Nationally Recognized Bond Counsel, which is an attorney or firm of attorneys with a national reputation for rendering opinions in connection with the issuance of municipal obligations and the tax-exempt status under federal law of interest on such obligations.

The Department may make CWSRF additional subsidization in the form of a grant funding, typically available in conjunction with a loan for certain eligible projects, in accordance with current federal appropriations. See the Additional Subsidization Section for more information about CWSRF grant eligibility.

Distribution of funds

Each year, the Department reserves a certain percentage of available funding according to community size and project type categories to ensure an equitable distribution of funds. Funds set aside for these reserves are based on a percentage of the anticipated available funds, the number of applicants ready to proceed and Department priorities.

The Department's planned allocation to reserve categories is as shown below:

- 40 percent to Small and Non-Metropolitan projects (systems serving fewer than 75,000 people)
- 30 percent to Large Metropolitan Areas and Districts (systems serving 75,000 or more people)
- 15 percent to address Combined Sewer Overflow projects
- 15 percent to Green Project Reserve and Department Initiatives

The Department allocates available funds first to Fundable List projects carried over from the previous fiscal year. Next, available funds are allocated to new applicant projects. Finally, any uncommitted funds from a specific group may be distributed to fund projects in other groups that are ready to proceed. Additional information is in Appendix 1.

Project prioritization

The CWSRF Priority Points Criteria are the basis for project ranking and funding allocation. The criteria include human health protection, compliance with the Clean Water Act, Missouri Water Quality Standards and Antidegradation Policy, and Missouri's Nonpoint Source Management Program. The complete list of each criterion and associated point values is available in Appendix 5.

Intended Use Plan listing process

The Department reviews project applications for CWSRF eligibility and assigns priority points based on the CWSRF Priority Points Criteria. Next, the Department places eligible projects on the CWSRF Project Priority Lists and ranks projects by priority point score within each funding category.

The CWSRF Project Priority Lists contains the following categories:

- **Fundable List:** This list includes projects that meet the readiness-to-proceed criteria. Projects that meet readiness-to-proceed criteria are those for which the applicant has submitted a complete facility plan, and documentation that the applicant has an acceptable debt instrument and any necessary funding commitments from other state and/or federal agencies contributing funds to the project. These projects are scheduled for financial assistance during the current fiscal year, and available loan and additional subsidization funds are allocated to listed projects.

The Fundable Projects List includes four types of projects:

- Small and Non-Metropolitan Areas and Districts
 - Large Metropolitan Areas and Districts
 - Combined Sewer Overflow
 - Department Initiatives
- **Fundable Contingency List:** This list includes projects that meet the readiness-to-proceed criteria, however sufficient SRF funding is unavailable, or the project is not expected to need funds in the current fiscal year. These projects may receive assistance if funds become available during the fiscal year.
 - **Contingency List:** This list includes projects that have an approvable facility plan but do not have an acceptable debt instrument in place. The Department works with these communities to assist them in meeting readiness-to-proceed criteria. Once the criteria are met, the project may be moved to the fundable list if funds are available.
 - **Planning List:** This list includes projects for which the Department has received an application but is awaiting an approvable facility plan and/or acceptable debt instrument. The Department works with these communities to assist them in meeting readiness-to-proceed criteria. Once the criteria are met, the project may be moved to the fundable list if funds are available.

The Department compiles and lists the project applications received by March 1 of each year and presents the recommended IUP to the Commission for approval. The Department continues to accept and review applications received after March 1 and may propose amendments to the IUP for Commission approval, provided funding is available.

Modifications to Project Priority Lists

After the Missouri Clean Water Commission adopts this IUP's CWSRF Project Priority Lists, it may modify the lists or redistribute the available funds in accordance with 10 CSR 20-4.040 by IUP amendment.

- **Inadequate allocations:** If federal CWSRF allocations are less than the amount anticipated, or if previous allocations are reduced, the Department may recommend reducing project commitments.
- **Unanticipated or uncommitted funds:** The availability of unanticipated funds (due to prepayments or bypassed projects) or uncommitted funds can result in a project moving from the contingency list to the fundable list. Further, the amount of funds allocated to projects on the fundable lists may be increased, or projects that have already received assistance may receive increased assistance.
- **Bypass:** The Department may recommend the Commission remove a project from the Fundable List when it is not making timely progress, in order to make the committed funds available to another project that is ready to proceed. The Commission may move projects from the Fundable Priority List to the Contingency or Planning Priority Lists. Bypass procedures are outlined in 10 CSR 20-4.040(29)(C). In addition, the Department will give priority to projects that would alleviate an emergency situation that poses a threat to environmental or public health. These projects will be permitted to be added to the Fundable List without scoring if approved by the Clean Water Commission and may be funded in advance of the projects on the Fundable List.
- **Project removal:** Projects may be removed from the Project Priority Lists at the request of the applicant or if the Department finds that the project is ineligible for CWSRF assistance.

Before taking action to modify the Project Priority Lists, the Department notifies those applicants directly affected.

Additional subsidization

The Clean Water Act allows the state to provide additional subsidization in the form of grants, principal forgiveness, or negative interest loans from its annual capitalization grant award. The Department will determine the amount of capitalization grant to be allocated for additional subsidization each year based on federal appropriation and Missouri's CWSRF program needs. Only political subdivisions (including counties, incorporated cities and towns, regional water or sewer districts) may receive additional subsidization. FFY 2022 additional subsidization funding allocations are described in Appendix 1.

- **CWSRF Regionalization Incentive Grants** are available to municipalities for development of sewer extension facility plans and/or sewer extension construction projects. The program is intended to incentivize connections that might not be made without full grant funding and to reduce the number of small, struggling facilities through regionalization. The Department evaluates projects through a competitive application cycle, and offers funds to eligible applicants in the order established by the grant guidance with the available additional subsidization funds. Eligible applicants are those that meet the criteria established in the Department's guidance, and submit an application by the March 1 deadline. Applications,

eligibility criteria, and instructions are available at <https://dnr.mo.gov/document-search/clean-water-state-revolving-fund-regionalization-incentive-grant-application-mo-780-2881>.

- **Engineering Report Grants** are available for municipalities, counties, public sewer or water districts, political subdivisions, or instrumentalities of the state with a population equal to or fewer than 10,000 for engineering costs to prepare a facility plan. These funds can pay for a facility plan for wastewater treatment and/or collection system improvements related to new permit requirements; inflow and infiltration; improvements to eliminate wet weather discharges from a peak flow clarifier and/or basins; and/or capacity and hydraulic improvements at the wastewater treatment plant to address a reasonably anticipated increase in users or connections. Eligible applicants may receive an 80 percent grant with a 20 percent recipient match, for a maximum grant of \$50,000. Eligible applicants qualifying as disadvantaged may receive a 100 percent grant and a maximum grant amount of \$62,500. Eligible applicants can submit an Engineering Report Grant application to the Department at any time. Applications are available online at <https://dnr.mo.gov/document-search/clean-water-engineering-report-grant-application-mo-780-2217>. More information about eligibility is available in Appendix 6.

- **Integrated Management Plan Grants** are available for municipalities, counties, public sewer or water districts, political subdivisions, or instrumentalities of the state that 1) operate a permitted wastewater treatment facility serving a population of less than 20,000 and 2) own/operate a permitted Municipal Separate Storm Sewer System (MS4), as defined in 10 CSR 20-6.200, or has significant stormwater challenges (unrelated to inflow and infiltration) that require capital planning. If the community has a public drinking water system, this utility may be included in the development of the integrated management plan. These funds can assist small communities with engineering costs incurred to develop an integrated management plan that maximizes the effectiveness of its available funds through analysis of alternatives and the sequencing of actions necessary to address Clean Water Law requirements, human health, and water quality related challenges. Eligible applicants may receive a 50 percent grant with a 50 percent recipient match, for a maximum grant amount of \$50,000. Eligible applicants can submit an Integrated Management Plan Grant application to the Department at any time. Applications are available online at <https://dnr.mo.gov/water/business-industry-other-entities/financial-opportunities/financial-assistance-center/wastewater>. More information about eligibility is available in Appendix 7.

The following two grants are available in combination with a CWSRF loan.

- **CWSRF Affordability Grants** for wastewater treatment facility construction are available, in coordination with loans, to small communities who would have difficulty financing wastewater infrastructure improvements without additional subsidization. The Department will obligate affordability grant allocations to eligible CWSRF loan applicants on the Fundable List in the order established by the Priority Point Criteria (Appendix 5) with the available additional subsidization funds. Eligible applicants are those that meet the criteria established in the Department's guidance; submit an application by the March 1 deadline; and meet readiness-to-proceed criteria. The CWSRF Loan Application form, eligibility criteria, and instructions are available at <https://dnr.mo.gov/document-search/clean-water-state-revolving-fund-loan-application-mo-780-1951>. Application instructions are described in Appendix 2.

- **CWSRF Water Quality Incentive Grants (WQI)** are available to municipalities receiving a CWSRF loan to incentivize certain actions that have significant benefits to water quality. The Department will allocate WQI grant funds to eligible CWSRF loan applicants on the Fundable List in the order established by the Priority Point Criteria (Appendix 5) with the available additional subsidization funds. Eligible applicants are those that submit an application by the March 1 deadline, meet readiness-to-proceed criteria, and include a qualifying project component. Qualifying project components and the associated maximum WQI grant amounts are described in the table below.

Water Quality Incentive Grants	
Project component	Available grant funding
Cost for construction of flood mitigation infrastructure, such as holding basins, floodwalls and redirection structures, used in conjunction with a flood control plan intended to protect a wastewater treatment facility.	Up to \$1,000,000, not to exceed 50% of the total funding request
Cost for wastewater system upgrades needed to comply with new wastewater permit limits or to meet the assumptions and requirements of Total Maximum Daily Load Wasteload Allocations for a particular pollutant (may include treatment upgrades or construction of a conveyance to another plant).	Up to \$1,000,000, not to exceed 50% of the total funding request
Cost for construction of wastewater treatment plant improvements intended to provide renewable energy generation, such as methane recovery, that reduce plant operating cost.	Up to \$1,000,000, not to exceed 50% of the total funding request
Cost for effective nutrient reduction measures in the watershed of a drinking water supply lake/reservoir, such as streambank stabilization or cost share matching for certain nutrient reduction practices.	Up to \$1,000,000, not to exceed 50% of the total funding request
Cost for construction of measures to manage, reduce, treat, or recapture stormwater, or to construct green infrastructure in developed or urban areas to address nonpoint source pollution.	Up to \$1,000,000, not to exceed 50% of the total funding request
Cost for construction of wastewater treatment facility improvements intended to reuse or recycle wastewater, such as recharging basins, aquifer recharging, and conveyance to industrial facilities. Land application projects are excluded.	Up to \$1,000,000, not to exceed 50% of the total funding request
Cost for wastewater treatment improvements by a municipality serving citizens enrolled in an existing rate assistance program to facilitate a rate reduction or relief for affected low income residents, with the grant amount not to exceed the portion of the project serving enrolled citizens.	Up to \$2,000,000, not to exceed 50% of the total funding request
Cost for inflow and infiltration rehabilitation projects, such as pipe lining and line replacement.	Up to \$1,000,000, not to exceed 50% of the total funding request
Cost for construction of a sewer extension to serve customers within or outside of a district or city's service area that will eliminate a permitted, or should be permitted, discharging wastewater treatment facility.	Up to \$500,000, not to exceed 50% of the funding request
Cost for construction to connect homes with failing or poorly functioning onsite wastewater systems to an existing central wastewater treatment system.	Up to \$500,000, not to exceed 50% of the funding request

The WQI grant commitment is valid for two years, with grant funds awarded when the applicant enters into a loan agreement. Failure to make timely progress may result in bypass and the loss of the WQI grant commitment. Each applicant, whether it submits an application for one project or multiple projects, is limited to one WQI grant per IUP year, in order to equitably distribute grant funds to CWSRF loan applicants.

Applicants with projects eligible for a CWSRF loan with an Affordability Grant may receive that grant as well as a WQI grant for qualifying project costs if the total funding request is over \$4,000,000 and the CWSRF loan is at least \$2,000,000. For example, an applicant eligible for Affordability Grant that applies for \$4,600,000 in treatment system upgrades needed to comply with new permit limits could be eligible for a \$2,000,000 CWSRF loan, a \$2,000,000 Affordability Grant, and a \$600,000 WQI grant. The Clean Water State Revolving Fund Loan Application form and instructions are available at <https://dnr.mo.gov/document-search/clean-water-state-revolving-fund-loan-application-mo-780-1951>. Application instructions are described in Appendix 2.

Department Initiatives

In FFY 2022, the Department plans no new CWSRF Department initiatives.

Our partners

- The Missouri Water and Wastewater Review Committee is a group of individuals representing three agencies that provide funding to communities for water and wastewater infrastructure improvements. Agencies represented include the Department, the Missouri Department of Economic Development's Community Development Block Grant Program, and the U.S. Department of Agriculture's Rural Development. The committee convenes once a month to review proposals, engineering reports, and make recommendations to apply for funding. This collaborative effort is intended to stretch limited financial assistance dollars to support the greatest number of projects for Missouri communities.
- The Missouri Department of Agriculture oversees a loan program funded by the CWSRF for the construction of animal waste treatment facilities. The Department awards loans to the Missouri Agriculture and Small Business Development Authority, which in turn loans the funds to livestock and dairy producers for animal waste treatment facilities. For information on the Animal Waste Treatment System Loan Program, call 573-751-2129.

Program commitments and state assurances

The Department makes a number of program commitments and state assurances related to managing the CWSRF. See Appendix 4 for a list and description of these commitments and assurances.

Application deadline

An entity can submit a CWSRF loan application at any time to the Department. Applications received or postmarked by March 1 will receive priority consideration for funding in the next fiscal year's IUP and consideration for additional subsidization (or grant) funding. See Appendix 2 for more information about applying for funding.

Projects being funded in FFY 2022

The list of projects being funded in FFY 2022 is ranked by priority in Appendix 1.

Appendix 1: Project Priority Lists and Financial Tables

Estimated Sources and Uses of Funds

During FFY 2022, the Clean Water State Revolving Fund (CWSRF) program expects to have approximately \$480 million available for loans and additional subsidization. The estimate includes carryover monies from previous years, repayments, interest earnings on investments of CWSRF resources, federal capitalization grants, and state match.

Funds are allocated to projects that are on a Fundable List as approved by the Clean Water Commission. The amount of funds made available through this IUP may be revised at any time due to changing economic conditions.

The Department intends to use an amount from the FFY 2021 federal capitalization grant equal to 1/5 of one percent of the current valuation of the fund for program administration.

The estimated sources and anticipated uses of funds can be found in the following table. The amounts reflected are as of December 31, 2020.

**Clean Water State Revolving Fund
Estimated Sources and Uses of Funds
FFY 2022 Intended Use Plan**

<u>Estimated Sources as of December 31, 2020</u>			
Anticipated Capitalization Grants for Clean Water State Revolving Fund		\$ 88,790,203	
Cash Balance		\$ 431,143,531	
Anticipated Loan Repayments and Investment Earnings Net of Bond Payments (1/1/21 - 9/30/23)		\$ 278,840,329	
State Match - FFY 2022 Capitalization Grant *		\$ 8,809,400	
Total Estimated Sources			\$ 807,583,463
<u>Estimated Uses</u>			
Undisbursed Amounts Committed to Existing Projects		\$ 86,024,410	
Anticipated Program Administrative Expenses from Capitalization Grants		\$ 6,288,267	
A2010 Match Bond Debt Service Payments due through 9/30/23		\$ 1,103,925	
Anticipated Direct Loans Closing between 1/1/21 and 9/30/21		\$ 227,258,263	
Anticipated Grants Awarded between 1/1/21 and 9/30/21		\$ 6,309,921	
Anticipated Additional Subsidization Available for FFY 2022 CWSRF IUP Projects **		\$ 31,981,653	
Anticipated Loan Funds Available for FFY 2022 CWSRF IUP Projects		\$ 448,617,024	
Total Estimated Uses			\$ 807,583,463
* A transfer of loan administration fees is expected to provide the \$8,809,400 in state match needed.			
** See Appendix 4 for more information.			
Loan and Grant Commitments 1/1/21 through 9/30/21		Loan	Grant
			Total
MSD Public I/I Phase 6 - Funded 1-22-21		\$ 40,201,000	\$ 1,000,000 \$ 41,201,000
MSD Lower Meramec Tunnel Phase 1 - Funded 1-22-21		\$ 63,101,000	\$ - \$ 63,101,000
Springfield - Funded 3-3-21		\$ 15,010,000	\$ - \$ 15,010,000
Rocky Mount Sewer District - Funded 3-19-21		\$ 2,491,000	\$ 2,000,000 \$ 4,491,000
Kansas City - Funded 4-28-21		\$ 100,000,000	\$ - \$ 100,000,000
Miller		\$ 1,054,263	\$ 1,054,262 \$ 2,108,525
Jonesburg - RIG - Design/Construction - Funded 6-16-21		\$ -	\$ 62,500 \$ 62,500
Ludlow - RIG - Design/Construction – Funded 8-30-2021		\$ -	\$ 339,559 \$ 339,559
Centralia - Funded 8-27-2021		\$ 5,401,000	\$ 1,000,000 \$ 6,401,000
Engineering Report Grants		\$ -	\$ 853,600 \$ 853,600
Total Commitments 1/1/21 through 9/30/21		\$ 227,258,263	\$ 6,309,921 \$ 233,568,184

Project Priority Lists

A comprehensive list of FFY 2022 applicants is followed by the Project Priority Lists.

Per 10 CSR 20-4.040, applications are valid for a 2-year plan cycle. Applicants that have not received their funding at the end of the 2-year plan cycle may reapply to the program, but a project's position on a fundable, contingency, or planning list may change with each subsequent application. The Department will de-obligate funding from projects that are not making adequate progress within the allotted 2-year plan cycle and reallocate funds to other projects. Projects carried over from the FFY 2021 IUP remain eligible for FFY 2022 and retain the points they received under the criteria in effect at the time they initially applied. The Department carried over unfunded projects that filed an original application by March 1, 2020, into the FFY 2022 IUP unless the Missouri Clean Water Commission bypassed or removed the project, or the proposed loan recipient has requested to be removed. Carryover status is indicated in the table. Carryover projects in the FFY 2022 IUP must reapply by March 1, 2023, in order to compete for funding in the FFY 2023 IUP.

For more information on the CWSRF Program, contact the Department's Financial Assistance Center at 573-751-1192 or fac@dnr.mo.gov.

List of FFY 2022 Applicants

	Applicant	Priority Points	Service Area Pop.	Financial Assistance Request
	Aurora	125	7,508	\$ 4,016,000
	Benton City	75	104	\$ 560,000
	Boone County Commission (Bolli Road Coll System)	95	37	\$ 381,739
	Boone County Commission (Phenora North Coll System)	100	102	\$ 372,099
	Boone County RSD (Highfield Acres)	120	290	\$ 268,280
	Boone County RSD (Les Bourgeois)	115	7,989	\$ 926,364
	Boone County RSD (Midway Arms)	95	94	\$ 1,163,400
	Boone County RSD (Midway Crossing)	90	3,000	\$ 6,615,000
C	Boone County RSD (Richardson Acres/Brown Station) - WQIG 7	125	259	\$ 1,593,908
	Boone County RSD (Rollingwood)	105	106	\$ 501,825
	Boone County RSD (Route K)	105	7,989	\$ 7,365,563
	Boone County RSD (Sunnyslope)	120	74	\$ 148,060
	Boone County RSD (Trails West)	105	650	\$ 1,042,450
	Boone County RSD (Wagon Wheel)	105	222	\$ 355,446
	Burlington Junction	75	547	\$ 1,202,375
	Center	130	508	\$ 1,622,965
C	Clarksburg	80	338	\$ 731,560
C	Clarksville	65	452	\$ 442,520
	Eagleville	85	316	\$ 827,655
	East Prairie - Design/Construction - RIG	1-100	3,292	\$ 1,717,000
C	Greenfield	95	1,385	\$ 1,410,000
	Higginsville	95	4,797	\$ 10,871,111
	Huntsville	95	1,564	\$ 3,706,000
C	Iberia	80	736	\$ 4,762,520
	Jackson	125	14,836	\$ 7,500,000
	Jefferson City	95	76,500	\$ 10,185,000
C	LaGrange - Design/Construction - RIG	1-100	161	\$ 274,500
C	Lancaster	110	728	\$ 2,272,325
C	Leeton	95	568	\$ 1,847,560
	Little Blue Valley Sewer District	75	56,656	\$ 72,000,000
	Marble Hill	115	2,657	\$ 3,941,748
C	Mayview	80	212	\$ 2,628,000
	Memphis	90	1,833	\$ 6,488,905
	Missouri Agriculture & Small Business Development	N/A	N/A	\$ 500,000
C	Moberly (Heritage Hills Golf Course)	125	13,974	\$ 368,786
	Moberly (Northwest Regional Lift Station)	85	13,974	\$ 3,664,920
C	Moberly (Sparks Avenue)	95	13,974	\$ 703,420
	MSD - Fluidized Bed Incinerators	105	1,300,000	\$ 260,000,000
C	MSD - Lower Meramec River System Improvements (Phase 2)	185	32,000	\$ 119,468,000
	MSD Public I/I Reduction Program - Phase 7	190	1,300,000	\$ 10,500,000
C	Perryville	120	8,440	\$ 27,000,000
	Queen City	85	593	\$ 1,556,100
	Rockwood School District (LaSalle Middle School)	65	1,015	\$ 343,600
	Rockwood School District (Rockwood Valley)	80	1,041	\$ 450,800
	Rosebud	80	409	\$ 2,645,670
	Skidmore	105	276	\$ 2,101,460
	Springfield	130	173,000	\$ 5,000,000
C	St. James	60	5,056	\$ 2,395,000
	St. Joseph	120	80,000	\$ 26,527,880
	Sunrise Beach	85	319	\$ 4,729,850
C	Urbana	100	417	\$ 1,879,478
C	Windsor	120	3,087	\$ 5,000,000
	Winfield - Design/Construction - RIG	1-90	1,215	\$ 837,300
C	Warsaw - Design/Construction - RIG	1-125	2,510	\$ 647,719
Total Projects				\$ 636,061,861

C = Carried over from the last Intended Use Plan

Allocation of Available Funds

The inclusion of a project on the fundable list is not a guarantee of funding. Other factors, such as timely progress, compliance with program requirements, and funding availability, may impact project funding.

	Loans				
	40% Small and Non-Metropolitan Areas & Districts ⁽⁴⁾	30% Large Metropolitan Areas & Districts ⁽⁵⁾	15% Combined Sewer Overflow	15% Department Initiatives	Total
Allocation of Available Loan Funds	\$ 179,446,809	\$ 134,585,107	\$ 67,292,554	\$ 67,292,554	\$ 448,617,024
Transfers	\$ (118,511,840)	\$ 118,511,840			\$ -
Transfers		\$ 67,292,554	\$ (67,292,554)		\$ -
Transfers		\$ 66,792,554		\$ (66,792,554)	\$ -
Total Funding Assistance Planned (2)	\$ 60,934,969	\$ 387,182,055	\$ -	\$ 500,000	\$ 448,617,024
Total Loans on Fundable List (1)	\$ 60,934,969	\$ 387,182,055	\$ -	\$ 500,000	\$ 448,617,024
<i>Balance Available after Loans Funded (3)</i>	\$ -	\$ -	\$ -	\$ -	\$ -

	Additional Subsidization(6)				
	Small and Non-Metropolitan Areas & Districts (AG/ERG/WQIG)	Large Metropolitan Areas & Districts (WQIG)	Combined Sewer Overflow	Department Initiatives (RIG/TAG/IMP)	Total
Allocation of Available Additional Subsidization Funds:	\$ 23,691,678	\$ 3,000,000	\$ -	\$ 5,289,975	\$ 31,981,653
Affordability Grants (AG)	\$ 18,053,634				\$ 18,053,634
Engineering Report Grants (ERG)	\$ 1,300,000				\$ 1,300,000
Water Quality Incentive Grants (WQIG)	\$ 4,441,781	\$ 3,000,000			\$ 7,441,781
Regionalization Incentive Grants (RIG)				\$ 3,476,519	\$ 3,476,519
Technical Assistance Grant (TAG)					\$ -
Integrated Management Plan Grant (IMP)				\$ 200,000	\$ 200,000
Unallocated Additional Subsidization				\$ 1,613,456	\$ 1,613,456
Transfers					\$ -
Total Funding Assistance Planned (2)	\$ 23,795,415	\$ 3,000,000	\$ -	\$ 5,289,975	\$ 32,085,390
Total Additional Subsidization on Fundable List (1)	\$ 22,495,415	\$ 3,000,000		\$ 837,300	\$ 26,332,715
<i>Balance Available after Additional Subsidization Funded (3)</i>	<i>\$ 1,300,000</i>	<i>\$ -</i>	<i>\$ -</i>	<i>\$ 4,452,675</i>	<i>\$ 5,752,675</i>

(1) From the Project Lists on the subsequent pages.

(2) Funding Assistance Planned = Allocation + Transfers.

(3) Balances may be shifted to other categories to fund projects that are ready to proceed.

(4) Service area population of less than 75,000.

(5) Service area population of 75,000 or more.

(6) Refer to the Additional Subsidization section within the IUP for a detailed explanation of eligibilities by grant type.

CWSRF Fiscal Year 2022 Project Priority Lists

Carryover Priority Points	Applicant	Project #	Description/ Needs Category	Service Area Population	IUP Amount Requested	Loan Amount	Additional Subsidization Amount	NPDES #	Small Project***	Est. Financing Schedule FY - Quarter	
<i>Note: An explanation of the abbreviations and codes appears at the end of the project lists.</i>											
FUNDABLE LIST (Debt instrument secured and facility plan submitted; fundable if funds become available)											
TOTAL AVAILABLE FUNDS \$ 448,617,024 \$ 31,981,653											
Small and Non-Metropolitan Areas and Districts (Service area population of fewer than 75,000 people)											
C 125	Boone County RSD (Richardson Acres/Brown Station) - WQIG 7	C295375-30	Coll; IVA, V	259	\$ 1,593,908	\$ 1,093,908	\$ 500,000	Multiple	Yes	22-3	
C 125	Moberly (Heritage Hills Golf Course)	C295648-03	Coll, PS, FM; IVA	13,974	\$ 368,786	\$ 368,786	\$ -	Multiple	Yes	22-3	
C 120	Perryville - WQIG 2	C295832-01	TP Impr, PS; I, II	8,440	\$ 27,000,000	\$ 26,000,000	\$ 1,000,000	MO-0051144		22-2	
C 120	Windsor - AG	C295512-01	TP Impr, I/I; I, II, IIIA, IIIB	3,087	\$ 5,000,000	\$ 3,000,000	\$ 2,000,000	MO-0047325 MO-0047317		22-4	
C 100	Urbana - AG	C295834-01	TP Impr, I/I; I, II, IIIA	417	\$ 1,879,478	\$ 939,739	\$ 939,739	MO-0095176	Yes	23-4	
C 95	Greenfield - AG	C295831-01	Coll, Impr, FM; I	1,385	\$ 1,410,000	\$ 705,000	\$ 705,000	MO-0055603 MO-0055590	Yes	22-2	
C 95	Leeton - AG	C295850-01	TP Impr, Coll Rehab; I, II, IIIB	568	\$ 1,847,560	\$ 923,780	\$ 923,780	MO-0116076	Yes	22-4	
C 95	Moberly (Sparks Avenue)	C295648-02	Coll, PS, FM; IVA	13,974	\$ 703,420	\$ 703,420	\$ -	MO-0117960	Yes	22-4	
C 80	Clarksburg - AG	C295863-01	TP, Coll; II, IIIB	338	\$ 731,560	\$ 365,780	\$ 365,780	MO-0109797	Yes	23-2	
C 80	Mayview - AG	C295849-01	TP Impr, I/I; I, II, IIIA	212	\$ 2,628,000	\$ 1,314,000	\$ 1,314,000	MO-0055131		22-4	
C 65	Clarksville - AG	C295861-01	TP Impr; II	452	\$ 442,520	\$ 221,260	\$ 221,260	MO-0039632	Yes	22-2	
C 60	St. James	C295869-01	TP Impr; II	5,056	\$ 2,395,000	\$ 2,395,000	\$ -	MO-0093564		22-2	
	130	Center - AG	C295866-01	TP, I/I; I, II, IIIA, IIIB	508	\$ 1,622,965	\$ 811,483	\$ 811,482	MO-0107719	Yes	22-3
	125	Aurora - AG	C295867-01	TP Impr; II	7,508	\$ 4,016,000	\$ 2,016,000	\$ 2,000,000	MO-0036757		22-3
	120	Boone County RSD (Highfield Acres)	C295375-29	Coll; IVA	290	\$ 268,280	\$ 268,280	\$ -	MO-0053376	Yes	22-3
	120	Boone County RSD (Sunnyslope)	C295375-35	Coll; IVA	74	\$ 148,060	\$ 148,060	\$ -	MO-0095354	Yes	22-4
	115	Marble Hill - AG*	C295075-01	TP Impr, I/I; I, II, IIIA	2,657	\$ 3,941,748	\$ 1,700,000	\$ 1,795,799	MO-0109762		23-1
	105	Boone County RSD (Rollingwood) - WQIG 7	C295375-38	PS, FM, Coll; IVA	106	\$ 501,825	\$ 250,913	\$ 250,912	MO-0038792	Yes	22-4
	105	Boone County RSD (Trails West)	C295375-33	FM, PS, Coll; IVA	650	\$ 1,042,450	\$ 1,042,450	\$ -	MO-0092002	Yes	23-4

Carryover	Priority Points	Applicant	Project #	Description/ Needs Category	Service Area Population	IUP Amount Requested	Loan Amount	Additional Subsidization Amount	NPDES #	Small Project***	Est. Financing Schedule FY - Quarter
	105	Skidmore - AG*	C295841-01	TP Impr, Coll Rehab, I/I; I, II, IIIA	276	\$ 2,101,460	\$ 1,000,000	\$ 1,050,730	MO-0022969	Yes	22-3
	100	Boone County Commission (Phenora North)	C295299-04	Coll, IVA	102	\$ 372,099	\$ 372,099	\$ -	MO-0099911	Yes	22-3
	95	Boone County Commission (Bolli Road Coll System) - WQIG 7	C295299-03	FM, Coll, IVA	37	\$ 381,739	\$ 190,870	\$ 190,869	N/A	Yes	22-3
	95	Eagleville - AG	C295868-01	TP Impr, I/I; I, II, IIIA	316	\$ 827,655	\$ 413,828	\$ 413,827	MO-0113930	Yes	22-2
	95	Huntsville - AG	C295848-01	Coll, IVA	1,564	\$ 3,706,000	\$ 1,853,000	\$ 1,853,000	Multiple		22-3
	90	Memphis- AG, WQIG 2	C295880-01	TP Impr, I/I; I, II, IIIA, IIIB	1,833	\$ 6,488,905	\$ 3,488,905	\$ 3,000,000	MO-0041173		23-2
	85	Moberly (Northwest Regional Lift Station) WQIG 10	C295648-04	Coll, PS, FM; IIIB, IVA	13,974	\$ 3,664,920	\$ 2,664,920	\$ 1,000,000	MO-0117960		22-3
	85	Queen City -AG	C295865-01	TP Impr; II	593	\$ 1,556,100	\$ 778,050	\$ 778,050	MO-0093785	Yes	23-3
	85	Sunrise Beach - WQIG 8	C295877-01	IVA	319	\$ 4,729,850	\$ 4,229,850	\$ 500,000	MO-0137278		23-2
	80	Rockwood School District (Rockwood Valley)	C295879-01	TP; II	1,041	\$ 450,800	\$ 450,800	\$ -	MO-0013735	Yes	22-3
	75	Benton City - AG	C295074-01	TP, I, II	104	\$ 560,000	\$ 280,000	\$ 280,000	MO-0103021	Yes	22-3
	75	Burlington Junction - AG	C295870-01	TP Impr; I	547	\$ 1,202,375	\$ 601,188	\$ 601,187	MO-0048194	Yes	22-4
	65	Rockwood School District (LaSalle Middle School)	C295879-02	TP; II	1,015	\$ 343,600	\$ 343,600	\$ -	MO-0113743	Yes	22-3
Small and Non-Metropolitan Areas and Districts Total						\$ 83,927,063	\$ 60,934,969	\$ 22,495,415			
Balance						\$ -	\$ 1,300,000				

Large Metropolitan Areas and Districts (Service area population of 75,000 or more people)						\$ 387,182,055	\$ 3,000,000				
C	185	MSD Lower Meramec River System Improvements (Tunnel) Phase 2	C295072-02	Coll; IVA, V	32,000	\$ 119,468,000	\$ 119,468,000	\$ -	Multiple		22-3
	190	MSD - Public I/I Reduction Program - Phase 7 - WQIG 6	C295023-42	I/I; IIIA	1,300,000	\$ 10,500,000	\$ 9,500,000	\$ 1,000,000	Multiple		22-4
	130	Springfield - WQIG 6	C295859-02	Coll Impr, I/I; IIIA	173,000	\$ 5,000,000	\$ 4,000,000	\$ 1,000,000	MO-0049522 MO-0103039		24-3
	120	St. Joseph - WQIG 9	C295881-01	TP Impr; I	80,000	\$ 26,527,880	\$ 25,527,880	\$ 1,000,000	MO-0023043		22-2
	105	MSD - Fluidized Bed Incinerators Balance of Amount Requested appears on Fundable Contingency List	C295875-01	TP; II	1,300,000	\$ 260,000,000	\$ 228,686,175	\$ -	Multiple		23-2
Large Metropolitan Areas and Districts Total						\$ 421,495,880	\$ 387,182,055	\$ 3,000,000			
Balance						\$ -	\$ -				

Carryover	Priority Points	Applicant	Project #	Description/ Needs Category	Service Area Population	IUP Amount Requested	Loan Amount	Additional Subsidization Amount	NPDES #	Small Project***	Est. Financing	Schedule FY - Quarter
		Combined Sewer Overflow				\$ -	\$ -	\$ -				
		Combined Sewer Overflow Total			\$ -	\$ -	\$ -	\$ -				
				Balance		\$ -	\$ -	\$ -				
		Department Initiatives (includes Regionalization Incentive Grants)				\$ 500,000	\$ 5,289,975					
C	N/A	Missouri Agriculture & Small Business Development - Department Initiative	C295212-10	NPS; VIIB	N/A	\$ 500,000	\$ 500,000	\$ -	N/A	N/A	23-4	
	1-90	Winfield - Regionalization Incentive Grant Design/Construction	C295856-02	Coll, PS	1,215	\$ 837,300	\$ -	\$ 837,300	MO-0088676		22-1	
		Department Initiatives Total			\$ 1,337,300	\$ 500,000	\$ 837,300					
				Balance		\$ -	\$ 4,452,675					
		Total Fundable List Projects			\$ 506,760,243	\$ 448,617,024	\$ 26,332,715					
		Balance of Fundable List				\$ -	\$ 5,752,675					
		FUNDABLE CONTINGENCY LIST (Debt instrument secured and facility plan submitted; fundable if funds become available)										
	105	MSD - Fluidized Bed Incinerators	C295875-01	TP; II	1,300,000	Balance of Amount Requested from the Large Metropolitan Areas and Districts Fundable List	\$ 31,313,825	\$ -	Multiple		23-2	
		Total Fundable Contingency Projects			\$ -	\$ 31,313,825	\$ -					
		CONTINGENCY LIST										
		<i>Note: Information will be added to the shaded columns when the project moves to the fundable list.</i>										
		Contingency List (Small and Non-Metropolitan Areas and Districts, Large Metropolitan Areas and Districts, and Combined Sewer Overflow)										
		Either Debt instrument or facility plan not yet secured/submitted										
		Total Contingency Projects						\$ -	\$ -	\$ -		
		Contingency List (Department Initiatives, includes Regionalization Incentive Grants)										
		Facility Plan submitted but service agreement not yet secured										
C	1-125	Warsaw - Regionalization Incentive Grant Design/Construction	C295078-01	Coll, PS	2,510	\$ 647,719	\$ -		MO-0049239		21-3	

Crossover	Priority Points	Applicant	Project #	Description/ Needs Category	Service Area Population	IUP Amount Requested	Loan Amount	Additional Subsidization Amount	NPDES #	Small Project***	Est. Financing Schedule FY - Quarter
C	1-100	LaGrange - Regionalization\Incentive Grant Design/Construction	C295871-01	Coll, PS	161	\$ 274,500	\$ -		MO-0041203		22-3
	1-100	East Prairie - Regionalization\Incentive Grant Design/Construction	C295851-01	Coll, PS	3,292	\$ 1,717,000	\$ -		MO-0021750		24-4
Total Department Initiatives Contingency Projects						\$ 2,639,219	\$ -	\$ -			
Total Contingency List Projects						\$ 33,953,044	\$ -	\$ -			

**PLANNING LIST Note: Information will be added to the shaded columns when the project moves to the contingency or fundable list.
(Debt instrument and facility plan not yet secured/submitted)**

	125	Jackson	C295839-01	TP Impr, Coll Rehab; II, IIIA	14,836	\$ 7,500,000			MO-0022853		
	115	Boone County RSD (Les Bourgeois)	C295375-32	FM, Coll; IVA	7,989	\$ 926,364			Multiple		
C	110	Lancaster	C295804-01	TP Impr, I/I; II, IIIA	728	\$ 2,272,325			MO-0039691		
	105	Boone County RSD (Route K)	C295375-31	TP, Exp, Impr; I, II	7,989	\$ 7,365,563			MO-0087173		
	105	Boone County RSD (Wagon Wheel)	C295375-34	PS, FM, Coll; IVA	222	\$ 355,446			MO-0094293		
	95	Boone County RSD (Midway Arms)	C295375-37	TP Impr; II	94	\$ 1,163,400			MO-0108421		
	95	Higginsville	C295878-01	Coll, Impr, TP; I, II, IVA	4797	\$ 10,871,111			Multiple		
	95	Jefferson City	C295876-01	TP Impr; II	76,500	\$ 10,185,000			MO-0094846		
	90	Boone County RSD (MidwayCrossing)	C295375-36	TP, Exp; II	3,000	\$ 6,615,000			MO-0132705		

Carryover	Priority Points	Applicant	Project #	Description/ Needs Category	Service Area Population	IUP Amount Requested	Loan Amount	Additional Subsidization Amount	NPDES #	Small Project***	Est. Financing Schedule FY - Quarter
C	80	Iberia	C295864-01	TP, I/I, Impr; I, II, IIIA	736	\$ 4,762,520			MO-0101273		
	80	Rosebud	C295083-01	TP Impr, I/I; I, II, IIIA	409	\$ 2,645,670			MO-0091375		
	75	Little Blue Valley Sewer District (Middle Big Creek)	C295439-04	TP, Int, PS; II, IVB, IIB	56,656	\$ 72,000,000			MO-0058629		
Total Planning List Projects						\$ 126,662,399	\$ -	\$ -			
Total Balance Remaining after Projects Funded							\$ -	\$ 5,752,675			

Grant Type		Description Reference List		Needs Category	
AG	Affordability Grant	C	Carried over from the last Intended Use Plan	I	Secondary Treatment
WQIG	Water Quality Incentive Grants	Coll	Collection	II	Advanced Treatment
	1 = flood mitigation	CSO	Combined Sewer Overflow	IIIA	I/I correction
	2 = permit limits	Det	Detention	IIIB	Sewer replacement or rehabilitation
	3 = streambank stabilization	Exp	Expansion	IVA	New Collection
	4 = green infrastructure	FM	Force Main	IVB	New Interceptors
	5 = rate assistance	Impr	Improvements	V	CSO
	6 = inflow and infiltration rehabilitation	Int	Interceptor	VIIIB	NPS: Animal
	7 = sewer extension to eliminate permitted facility	I/I	Inflow/Infiltration	VIID	NPS: Urban
	8 = sewer extension to eliminate onsite facilities				
	9 = renewable energy generation				
	10 = stormwater				
RIG	Regionalization Grant	NPDES National Pollution Discharge Elimination System			
TAG	Technical Assistance Grant	NPS	Non Point Source		
ERG	Engineering Report Grant	PS	Pump Station		
		Rehab	Rehabilitation		
		TP	Treatment Plant		

* Applicant has a maximum bonding capacity that the loan amount cannot exceed.

** Ineligible project costs deducted off total project costs.

*** Projects identified as Small Projects, due to their size, will not be designated as a Federal Funding Accountability and Transparency Act project. All payments (grant or loan) are not considered as federal funds and a federal audit will not be required of the applicant if the applicant does not expend an aggregate amount of \$750,000 or more of federal assistance from all federal sources. Small projects will be subject to all primary federal SRF requirements, but not those federal requirements known as "cross-cutting" requirements.

Notes:

Final eligible costs will be determined based on submittals as the project progresses toward loan closing.

Financing schedule shown is for planning purposes only. Final scheduling will be determined as documents are submitted and approvals obtained. Carry over projects from the fiscal year 2021 list must reapply to be considered for the fiscal year 2022 list.

Priority points for RIG projects include two numbers separated by a hyphen. The first number is the RIG category, and the second number is the priority point score calculated through the RIG procedure available at <https://dnr.mo.gov/env/wpp/srf/documents/2019-10-31-RegionalizationGrantGuidance.pdf>.

Distribution of Loan Administration Fees

The Department follows EPA's October 20, 2005, guidance on the use of administration fees charged by the state to recipients of CWSRF program assistance. Fees charged by the program are not included as principal in loans. The administration fee may be considered program income, depending upon the source of the loan and the timing of the fee receipt. As shown in the following table, the administration fees collected are considered as:

- program income earned during the capitalization grant period;
- program income earned after the capitalization grant period; or
- non-program income.

During the grant period is defined as the time between the effective date of the grant award and the ending date of the award reflected in the final grant financial report.

Program income earned during the grant period may only be used for eligible CWSRF activities, as defined in the Clean Water Act, and program administration. Program income earned after the grant period, as well as non-program income, may be used for a broad range of water-quality related purposes. The State of Missouri has obtained approval from the EPA to use program income earned after the grant period for water-quality related purposes.

Source And Distribution Of Funds			
Loan Administration Fees ¹			
As of Dec. 31, 2020			
Income	Program Income Earned During Grant Period	Program Income Earned After Grant Period	Non-Program Income
Beginning Balance as of 07/01/20	\$179,030	\$14,220,122	\$19,209,210
FY 21 Income (thru 12/31/20)	\$213,161	\$1,090,390	\$1,396,177
FY 21 Interest Earnings (thru 12/31/20)	\$938	\$39,892	\$57,790
	Subtotal	\$393,129	\$15,350,404
			\$20,663,177
Expenditures Thru 12/31/20			
FY 21 Personnel Services	(\$9,413)	(\$829,820)	(\$62,237)
FY 21 Fringe	(\$5,477)	(\$478,118)	(\$35,875)
FY 21 Expenses	(\$28,970)	(\$300)	(\$12,202)
FY 21 PSD Expenditures	\$0	(\$1,010,074)	(\$696,951)
FY 21 DNR Transfers ²	(\$5,881)	(\$177,318)	(\$14,950)
FY 21 ITSD Transfers ^{2 & 3}	(\$4,284)	(\$129,165)	(\$10,890)
FY 21 HB 13 Transfers ²	(\$129)	(\$3,894)	(\$328)
	Subtotal	(\$54,154)	(\$2,628,689)
	Income Less Expenditures	\$338,975	\$12,721,715
			\$19,829,744
Projected Income			
FY 21 Income (01/01/21 - 06/30/21)	\$228,264	\$1,008,725	\$1,734,348
FY 21 Interest Income (01/01/21 - 06/30/21)	\$1,626	\$34,158	\$96,714
FY 22 Income (07/01/21 - 06/30/22)	\$558,379	\$1,863,291	\$2,980,867
FY 22 Interest Income (07/01/21 - 06/30/22)	\$4,968	\$1,837	\$175,501
	Subtotal	\$793,237	\$2,908,011
			\$4,987,430
Projected Expenditures			
FY 21 Personnel Services	(\$52,674)	(\$1,306,983)	(\$59,645)
FY 21 Fringe	(\$30,838)	(\$771,699)	(\$35,414)
FY 21 Expense & Equipment	(\$127,293)	(\$3,433)	(\$528,798)
FY 21 DNR Transfers ²	(\$26,629)	(\$255,494)	(\$78,774)
FY 21 ITSD Transfers ^{2 & 3}	(\$17,487)	(\$160,670)	(\$51,873)
FY 21 HB 13 Transfers ²	(\$576)	(\$5,488)	(\$1,703)
FY 21 PSD Expenditures	\$0	(\$207,995)	(\$1,497,421)
FY 21 State Match Expenditure	\$0	(\$2,000,000)	(\$518,538)
FY 22 Personal Service, Fringe, Expenses & Indirect	(\$408,251)	(\$4,360,909)	(\$388,219)
FY 22 State Water Plan	\$0	\$0	\$0
FY 22 State Match Expenditure	\$0	(\$5,780,000)	(\$3,030,600)
FY 22 ITSD Costs ³	\$0	\$0	(\$500,000)
FY 22 Board Training & Operator Certification*	\$0	(\$80,000)	\$0
FY 22 Abatement of Water Quality Emergencies*	\$0	\$0	\$0
FY 22 Water Quality & Watershed Initiatives*	\$0	\$0	\$0
FY 22 Rural Sewer Grants*	\$0	\$0	(\$1,095,941)
FY 22 Fixed Station Ambient Network Contract	\$0	(\$523,866)	(\$391,952)
FY 22 Water Quality Studies*	\$0	\$0	(\$90,000)
FY 22 Small Community Engineering Assistance Program*	\$0	\$0	\$0
	Subtotal	(\$663,747)	(\$15,456,536)
	Total Actual and Projected	\$468,465	\$173,190
			\$16,548,296

¹ The distribution of loan administration fees to various department activities is subject to change throughout the Fiscal Year. Actual fund uses will be reported in the Fiscal Year 2022 Clean Water State Revolving Fund Annual Report. FY 2022 projected expenditures may include amounts carried over from prior fiscal years.

FY 2022 projected expenditures do not automatically carry over from one year to the next except for those indicated with an *.

² Similar to the inclusion of Indirect Costs in federal grants, this represents the SRF Admin Fees proportionate share of departmental administrative costs.

* DNR transfers reflect the cost of departmental staff and related expenses.

* ITSD transfers reflect the information technology related costs for those staff.

* HB 13 transfers reflect the cost of the related office space.

³ ITSD is the state's Information Technology Services Division.

Appendix 2: Clean Water State Revolving Fund Loan Application Instructions

CWSRF applications received or postmarked by **March 1, 2022**, that meet readiness-to-proceed criteria, will receive priority for loan and additional subsidization funding for FFY 2023.

- Applications submitted by March 1 with a facility plan and documentation of an acceptable debt instrument receive priority allocation of loan and eligible additional subsidization.
- Applications submitted by March 1 without a facility plan and documentation of an acceptable debt instrument are not considered ready to proceed, and are therefore not considered for additional subsidization.

Applications submitted after March 1, 2022, may receive a loan commitment through an amendment to the FFY 2023 Intended Use Plan if funds remain available.

Per 10 CSR 20-4.040, applications are valid for a 2-year plan cycle. Applicants that have not received their funding at the end of the 2-year plan cycle may reapply to the program, but a project's position on a fundable, contingency, or planning list may change with each subsequent application. The Department may also de-obligate funding from projects that are not making adequate progress within the allotted 2-year plan cycle and reallocate funds to other projects per the project bypass process.

It is important that any community who wishes to apply for this funding opportunity submit their application early in the project planning process. Early application and communication with the Department on each step are imperative to ensure the project meets all state and federal funding requirements.

The Department strongly encourages CWSRF applicants to retain the services of a registered municipal financial advisor. Municipal financial advisors are required to be registered with the Securities Exchange Commission. Additional information is available online at <https://www.sec.gov/info/smallbus/secg/muni-advisor-reg-secg.htm>.

How to complete a CWSRF application

1. Complete and submit the application form. The application form, instructions, and guidance documents are available online at <https://dnr.mo.gov/document-search/clean-water-state-revolving-fund-loan-application-mo-780-1951>.
2. Applicants must submit the following with their application in order for their project to be placed on the Fundable priority lists:
 - **A complete facility plan:** Submit a complete facility plan that meets criteria numbers 1 through 4 listed in the Facilities Plan Submittal Checklist, found here: <https://dnr.mo.gov/document-search/facilities-plan-submittal-checklist-clean-water-state-revolving-fund-mo-780-2041>. Prior to or concurrent with completion and submittal of a facility plan, the applicant should obtain a water quality/antidegradation review from the Department, if necessary. Submittal of an incomplete facility plan will delay progress and, ultimately, project funding.

State statute requires that all facility plans and plans and specifications be signed, sealed, and dated by a Missouri professional engineer. Applicants must procure engineering services in accordance with sections 8.285 through 8.291, RSMo.

- **An acceptable debt instrument:** Submit documentation of an acceptable debt instrument. The instrument is ordinarily a Revenue Bond or a General Obligation Bond, but a Special Obligation Bond may be accepted in certain circumstances. The Department may consider other types of debt instruments on a case-by-case basis.
- **Other funding commitments:** Submit documentation of any funding commitments from other state and/or federal agencies contributing funds to the project.

A borrower may submit an application without either a facility plan or debt instrument. The Department does not consider such projects to meet readiness-to-proceed criteria, and places them on either the Contingency or Planning List for a loan-only commitment. The Department will work with these applicants to assist them in achieving readiness-to-proceed status.

If you have questions or need assistance with a CWSRF application, please contact the Department's Financial Assistance Center at 573-751-1192 or fac@dnr.mo.gov.

What to expect after submitting an application

The Department makes funding commitments by listing eligible projects on the annual CWSRF Intended Use Plan Project Priority Lists. Each year, the draft plan is typically placed on public notice in July, and is adopted by the Clean Water Commission in October. The Department will notify each applicant that their project has received a provisional commitment with the publication of the draft plan. At this time, the Department's project manager will contact the applicant to develop a project schedule and begin working through the CWSRF process.

Before the Department makes a financial assistance award, the applicant's project must progress through several major milestones, including: environmental and cultural review; borrower financial capability review; engineering design; construction permit issuance; solicitation of bids; and approval of contracts. This is not a complete listing of every action and submittal associated with a CWSRF project; however, these are the major phases that are most likely to impact time and cost. A Department project manager assists each applicant with every step of the process. Typical borrowers can close on the CWSRF loan within 15-22 months of application submittal. An overview of the SRF process can be accessed here: <https://dnr.mo.gov/document-search/what-expect-srf-process>.

Appendix 3: Clean Water State Revolving Fund Program Administration

The Department's Water Protection Program is the delegated authority for the administration of federal funds made available to the state through the EPA under the provisions of the Clean Water Act. The funds are for financing a variety of eligible projects and are to be managed to be available in perpetuity for low-interest loans made from the Clean Water State Revolving Fund (CWSRF).

This IUP describes the proposed use of funds reserved for financial assistance for clean water infrastructure improvements during FFY 2022 (Oct. 1, 2021, to Sept. 30, 2022). This IUP shall remain effective until Sept. 30, 2022, or until such time as the FFY 2023 IUP becomes effective.

Cash flow model

Missouri uses the cash flow model for the CWSRF.

The cash flow model diagram on the following page illustrates the SRF flow of funds.

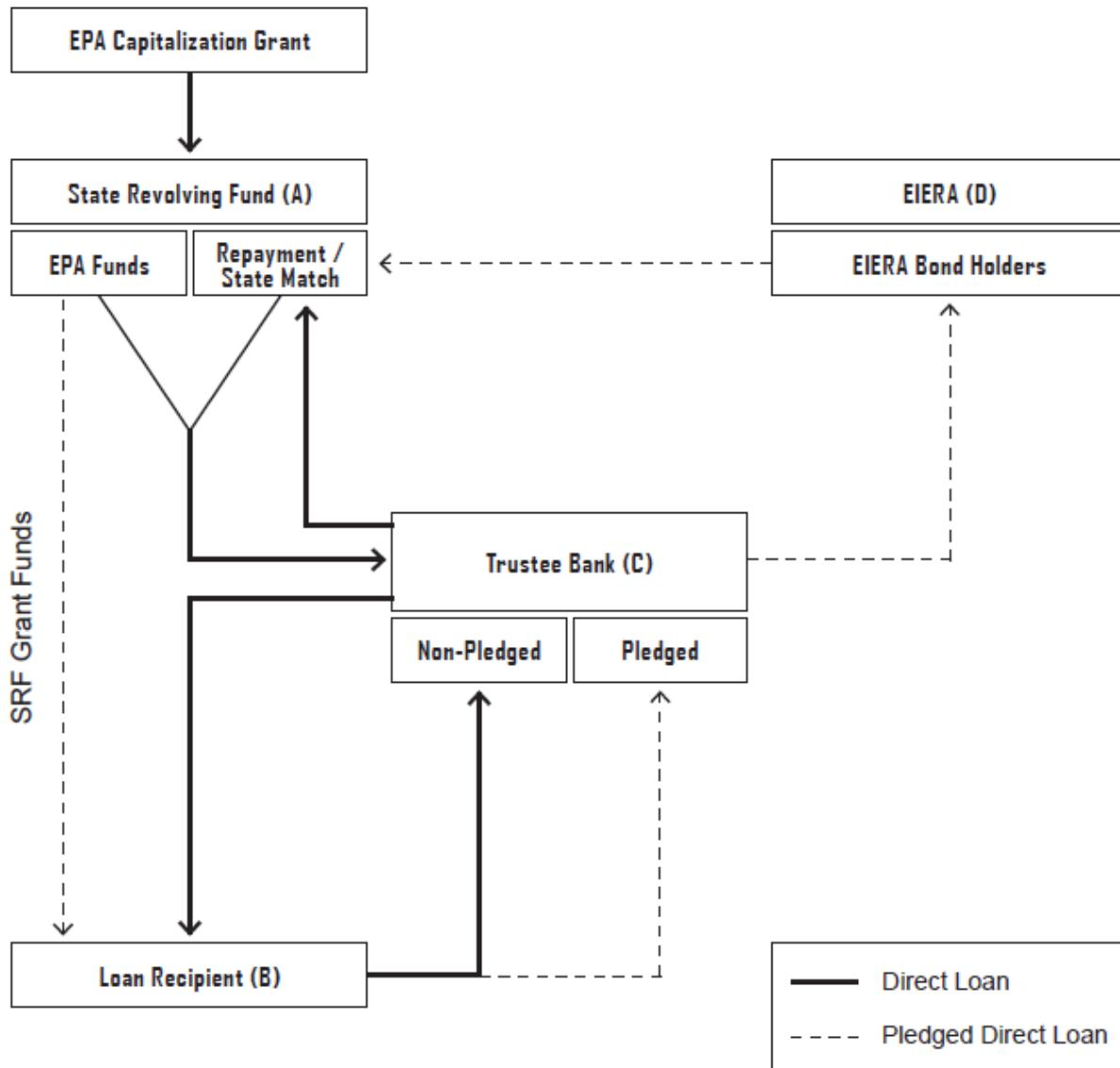
Construction loan repayments must begin within one year after the first operational contract is substantially completed; that is, the facilities are placed into operation. The loan repayment schedules will generally consist of semi-annual interest payments and semi-annual or annual principal payments. The trustee bank holds the periodic participant repayments in separate recipient accounts outside the CWSRF. Interest earnings on these recipient accounts are credited to the communities' debt service account, which reduces the amount of interest to be paid by the communities.

The Department receives annual capitalization grants from EPA. There is a 20 percent state match required to receive the grants. The funds are deposited into the SRF (A) and used in accordance with applicable federal and state program requirements. State match funds are disbursed prior to using Capitalization Grant funds.

Under the cash flow model loan program, the Department purchases the debt obligations of the participants directly. As construction progresses, funds are released from the CWSRF to the recipient (B) through the trustee bank (C) so the construction costs can be paid. Recipients of a grant receive the grant funds directly from the CWSRF program. Upon completion of the project, the loan total is adjusted to reflect the final amount borrowed.

Loan recipients send their loan principal and interest payments to the trustee bank (C). When the CWSRF program needs to replenish the repayment fund, the EIERA (D) exercises its authority to sell bonds, and the direct loans are pledged to retire the EIERA debt. The proceeds of this sale are deposited into the CWSRF repayment account. The principal and interest payments on the EIERA bonds are secured through the pledge of the direct loan principal and interest payments from previous CWSRF program participants. Any surplus principal and interest that is not needed for the EIERA debt service is deposited into the repayment account.

CWSRF Cash Flow Model



Cross-collateralization of funds

The U.S. Department of Veterans Affairs, the U.S. Department of Housing and Urban Development, and the Independent Agencies Appropriations Act, 1999 (Public Law 105-276), authorized limited cross-collateralization between the Drinking Water SRF and the CWSRF. Cross-collateralization allows states to use CWSRF funds as security for bonds issued to finance Drinking Water SRF projects and vice versa. The cross-collateralization of the two funds may enhance the lending capacity of one or both SRFs. State statute 644.122, RSMo. provides the state's legal authority to implement cross-collateralization.

Transfer loan funds between Drinking Water State Revolving Fund and Clean Water State Revolving Fund

Section 302 of the Safe Drinking Water Act Amendments of 1996 authorized the transfer of funds between the Drinking Water State Revolving Fund (DWSRF) and the CWSRF. The rules governing the transfer of funds limit the dollar amount a state can transfer to no more than 33 percent of a DWSRF capitalization grant. As funding is available and as needs arise, the Department can transfer loan funds with the approval of the Missouri Safe Drinking Water Commission, the Missouri Clean Water Commission, and EPA. Transfers between the two funds may enhance the lending capacity of one or both state revolving funds. State statute 644.122, RSMo. provides Missouri's legal authority to implement this transfer of funds.

No transfers are planned for FFY 2022.

Current and recent transfers

Fiscal Year	CWSRF	DWSRF
2013	\$ 10,000,000	(\$ 10,000,000)
2013*	\$ 18,500,000	(\$ 18,500,000)
2015	(\$ 5,000,000)	\$ 5,000,000
2016	(\$ 5,000,000)	\$ 5,000,000

*Federal capitalization grant portion

The Department, with prior approval from the Missouri Safe Drinking Water Commission, the Missouri Clean Water Commission, and EPA, as appropriate, reserves the right to make additional transfers in the future.

Repayment fund investment interest earnings to retire state debt

The debt service for the Water Pollution Control Bond series A2002 continues to be paid from the CWSRF investment interest earnings. The Department intends to use approximately \$1.1 million for this purpose during FFY 2022, which is the final payment for the series.

Appendix 4: U.S. Environmental Protection Agency Requirements and Assurances

The Department receives a federal capitalization grant annually from the EPA, and is required to provide a 20 percent state match. This appendix contains program commitments to assure the Department manages the CWSRF program in compliance with the capitalization grant agreement.

Additional subsidization

The Clean Water Act allows the state to use SRF funds to provide additional subsidization for eligible projects in the form of grants, principal forgiveness, or negative interest loans. The FFY 2021 capitalization grant mandates that states use at least 10 percent for additional subsidization, and may use up to 30 percent based on a formula related to the national allocation of funding.

The table below shows the amount of the additional subsidization the Department intends to offer in FFY 2022 based on the state's estimated allocation from the FFY 2021 CWSRF capitalization grant.

Capitalization Grant Federal Fiscal Year Amount	IUP Federal Fiscal Year	Amount
Federal Fiscal Year 2018 Required Amount	Federal Fiscal Year 2019	\$3,604,010
Federal Fiscal Year 2018 Supplemental	Federal Fiscal Year 2019	Up to \$2,000,000
Federal Fiscal Year 2019 Required Amount	Federal Fiscal Year 2020	\$4,404,700
Federal Fiscal Year 2019 Supplemental	Federal Fiscal Year 2020	Up to \$2,000,000
Federal Fiscal Year 2020 Required Amount	Federal Fiscal Year 2021	\$4,405,300
Federal Fiscal Year 2020 Supplemental	Federal Fiscal Year 2021	Up to \$4,450,560
Federal Fiscal Year 2021 Required Amount	Federal Fiscal Year 2022	\$4,404,700
Federal Fiscal Year 2021 Supplemental	Federal Fiscal Year 2022	\$13,022,304

The Estimated Sources and Uses of Funds table and Fundable Project Lists in Appendix 1 provide detailed information on projects that may be eligible for this funding.

Green Project Reserve

Federal law requires that the Department make a “good faith effort” to use a percentage of the annual CWSRF capitalization grant for projects that address green infrastructure, water or energy efficiency improvements, or other environmentally-innovative activities. A summary of the required amounts from each capitalization grant appears below.

Federal Fiscal Year	Required Amount
2010	\$11,296,600
2011	\$8,187,200
2012	\$3,917,900
2013	\$3,700,900
2014	\$3,886,800
2015	\$3,866,900
2016	\$3,703,900
2017	\$3,675,400
2018	\$4,449,500
2019	\$4,404,700
2020	\$4,405,300
2021	\$4,404,700

The Department has met or exceeded the requirements from green project reserves for FFY's 2010 through 2017.

A table of the Green Project Reserve eligible FFY 2022 IUP projects appears below.

Applicant	Project #	Category	Amount
MSD - MSD Public I/I Reduction Program - Phase 7	C295023-42	EE	\$10,500,000
St. Joseph	C295881-01	EE	\$26,527,880
Springfield	C295859-02	EE	\$5,000,000
Little Blue Valley SD - MBC	C295439-04	EI	\$6,309,000
Marble Hill	C295075-01	EE	\$1,510,648

EE Energy Efficiency
EI Environmentally Innovative

Department staff work directly with applicants prior to funding to identify projects or components of projects that address green infrastructure, water or energy efficiency improvements, or other environmentally-innovative activities. The amount of Green Project Reserve-eligible projects may change as applications are received and projects proceed into the design phase.

Additional information regarding Green Project Reserve is available at epa.gov/cwsrf/green-project-reserve-guidance-clean-water-state-revolving-fund-cwsrf.

Administrative costs

The Department intends to use an amount from the FFY 2021 federal capitalization grant equal to 1/5 of 1 percent of the current valuation of the fund for program administration.

Public review and comment

Federal law requires SRF programs to prepare an annual IUP, including Project Priority Lists and Priority Point Criteria. The IUP describes how the Department intends to use the CWSRF funds to support the overall goals of the CWSRF program. The Department must place the draft IUP on public notice to allow for public review and comment. The Department holds a public hearing during the public comment period to allow interested parties to hear testimony from the Department on the draft plan, and provide the public an opportunity to comment. The Department considers all written and verbal comments presented during the comment period, makes appropriate modifications, and provides a response to all comments. Any applicant aggrieved by his/her standing may appeal to the Clean Water Commission during the public comment process.

Environmental review

Federal law requires SRF programs to subject projects receiving CWSRF funding to undergo a state environmental review process that conforms generally to the National Environmental Policy Act. The Department's environmental review process, described within regulation 10 CSR 20-4.050, fulfills this requirement. The Department will determine whether an environmental impact statement is necessary during review of the project's environmental information document. Most projects are determined to have no significant impact or can meet a categorical exclusion. The Department will accept environmental determinations completed by other state and federal agencies on a case-by-case basis.

Federal project requirements

A number of federal laws and executive orders apply to projects receiving federal financial assistance through the SRF program. Federal requirements that may apply to CWSRF participants include the Davis Bacon Act, American Iron and Steel or AIS, Disadvantaged Business Enterprise, Environmental Review, Cost and Effectiveness, Public Awareness, Fiscal Sustainability Plans, Single Audit, various environmental statutes, the Uniform Relocation and Real Property Acquisition Policies Act, Debarment and Suspension Executive Order 12549, Prohibition on Certain Telecommunications and Video Surveillance or Equipment, restrictions on lobbying, and others.

The Department does not designate CWSRF projects as either equivalency (those projects funded with reimbursement attributable to the annual federal capitalization grant) or non-equivalency (those projects funded with reimbursement attributable to the repayments) for the purpose of differentiating federal requirements that apply. However, certain projects in the amount of \$2,250,000 or less will be designated within the Intended Use Plan Project Priority Lists as small projects. These projects will be subject to all primary federal SRF requirements, but not those federal requirements known as "cross-cutting" requirements.

A complete listing of requirements that apply to SRF projects is available upon request from the Financial Assistance Center.

Binding commitments

The Department intends to enter into binding commitments for a minimum of 120 percent of each EPA grant payment into the CWSRF within 1 year of the receipt of each payment, as required by federal law.

Expenditure of funds

The Department intends to expend all funds in the CWSRF in an expeditious and timely manner, as required by federal law.

Anticipated cash draw ratio (proportionality)

Missouri uses the cash flow model of the CWSRF. The federal capitalization grant is not used as security on the state match bonds. State match funds are disbursed prior to using capitalization grant funds.

For more information

For more information, contact the Department's Financial Assistance Center at 573-751-1192, fac@dnr.mo.gov.

Appendix 5: Clean Water State Revolving Fund Priority Points Criteria

General Information

Clean Water State Revolving Fund (CWSRF) Priority Points Criteria are established to evaluate proposed CWSRF projects for FFY 2023. The Priority Points Criteria forms the basis for project ranking and funding allocation.

The Department annually prepares a CWSRF IUP that includes projects expected to qualify for financing within the fiscal year addressed by the plan. Projects are listed so that those addressing the most serious problems are given the highest priority. Each project's priority score is generated from assignment of points based on the Priority Points Criteria. Projects are then ranked in priority order in each funding category. Only those proposed projects identified within the plan's project lists are eligible to receive financial assistance.

The Department will seek public comments annually on the proposed Priority Point Criteria. The Priority Point Criteria will then be approved by the Missouri Clean Water Commission at least 60 days before the annual application deadline.

Assignment of Priority Points

The Department ranks eligible projects for funding based on the protection of water quality and human health. Proposed projects receive points based on how they address pollution abatement, treatment, regionalization or consolidation, nonpoint source pollution reduction, and more.

Projects are ranked by the total number of points received. In the event of a tie, the projects receiving the highest number of points under Disadvantaged Community (section III.B.) will receive the higher ranking. If the projects are still tied, the applicant with the lowest Median Household Income according to the current decennial census will receive the higher ranking.

Priority point assignment and listing in the IUP does not guarantee all SRF financial and project eligibility requirements have been met.

I. Priority Points

The Department will calculate cumulative priority points for each potential project based on the following six sections. Sections 4, 5, and 6 apply only to proposed nonpoint source projects. Proposed nonpoint source projects must be consistent with the current *Missouri Nonpoint Source Management Plan* available at <https://dnr.mo.gov/document-search/missouri-nonpoint-source-management-plan-update-2020-2025>.

1. Water Quality

Points will be assigned if the proposed project will maintain, improve, protect, or enhance the overall water quality within the watershed. For the purpose of assigning points under factors A and B below, the receiving water is considered the immediate water course into which the discharge flows. However, in those cases where the immediate receiving water is not classified in Water Quality Standards, 10 CSR 20-7.031, a downstream classified water body will be considered to be the receiving water if the publicly-owned treatment works (POTW)

discharge or nonpoint source area is within two miles of the classified water found in the Missouri Use Designation Dataset, including 100K Extent-Remaining Lakes and 100K Extent Remaining Streams.

A. Beneficial Uses. Beneficial uses, identified in rule 10 CSR 20-7.031, of the water body receiving discharge from existing POTWs or nonpoint source areas will be improved or point source discharges eliminated by the proposed project. The beneficial use points are calculated by adding the total value from each beneficial use under this part. If the project affects multiple permitted facilities that discharge to different water bodies, the highest beneficial use point total from one of the multiple water bodies will be used.

1. Fifteen points will be assigned for the beneficial use of whole body contact recreation (Category A or B).
2. Fifteen points will be assigned for the beneficial use of drinking water supply.
3. Fifteen points will be assigned for the beneficial use of protection of warm water habitat/human health protection.
4. Ten points will be assigned for the beneficial use of cool water habitat.
5. Ten points will be assigned for the beneficial use of cold water habitat.
6. Ten points will be assigned for the beneficial use of secondary contact recreation.
7. Five points will be assigned for each beneficial use identified in rule 10 CSR 20-7.031 and not identified in numbers 1-6 above.

B. Sensitive Waters. Proposed projects that will improve or eliminate existing POTWs or nonpoint source areas that directly discharge to certain sensitive waters identified in rule will be assigned additional priority points.

1. Fifteen points will be assigned for a losing stream as designated by the Missouri Geological Survey, see 10 CSR 20-7.031(1)O.
2. Fifteen points will be assigned for Outstanding National Resource Waters, see 10 CSR 20-7.031 (Table D).
3. Fifteen points will be assigned for Outstanding State Resource Water, see 10 CSR 20-7.031 (Table E).
4. Ten points will be assigned for lakes, see 10 CSR 20-7.031 (Table G) or for metropolitan no-discharge streams, see 10 CSR 20-7.031 (Table F).

C. Targeted Water Bodies. A targeted water body is one in which a Total Maximum Daily Load (TMDL) has been promulgated or is listed on the most recent 303(d) list. The value is limited to a maximum of 15 points total.

1. Fifteen points will be awarded where a TMDL has been promulgated for the receiving water body and the proposed project addresses an identified problem.
2. Ten points will be awarded if the receiving water body is listed on the most recent 303(d) list and the proposed project addresses an identified problem.

D. Targeted Watersheds. A targeted watershed contains at least one point source that has the reasonable potential to cause or contribute to an excursion of the Lake Numeric Nutrient Criteria, and at least one point source with nutrient permit limits or subject to an

Environmental Protection Agency-approved TMDL. The value is limited to a maximum of fifteen points total.

1. Fifteen points will be awarded if the watershed drains to a lake where numeric nutrient criteria are applicable and the proposed project results in nutrient reduction.
2. Ten points will be awarded where a TMDL has been approved for the watershed and the proposed project is expected to contribute to the pollutant reduction goals specified in the TMDL.

E. Regionalization or Consolidation. Projects that involve several independent entities forming a partnership to share the responsibilities of providing wastewater treatment may be referred to as regionalization or consolidation projects.

1. Twenty-five points will be assigned if the entity owning the facility being eliminated would be deemed grant eligible by the methodology prescribed by the CWSRF Affordability Grant Eligibility Evaluation.
2. Fifteen points will be assigned if the proposed project serves more than one community.
3. Ten points will be assigned for each facility being eliminated that is under Department or U.S. EPA enforcement.
4. Five points will be assigned for each permitted wastewater treatment facility that is not under Department or U.S. EPA enforcement and will be eliminated by the proposed project.

2. Publicly Owned Treatment Works

Points will be awarded if the proposed project is a POTW project that will address potential or existing water pollution problem(s).

A. Combined/Sanitary Sewer Overflows. Fifteen points will be assigned if the proposed project will eliminate or adequately treat combined or sanitary sewer overflows (CSOs/SSOs). POTWs must provide supporting documentation, which may include copies of SSO Database records, city clean up records, or other supporting documentation, with the application for the Department to award CSOs/SSOs points.

B. Wastewater Treatment Enhancement. The value is derived from selecting the most appropriate description and associated value.

1. Twenty points will be assigned if the proposed project is for the conversion of a discharging wastewater treatment facility to a no-discharge wastewater treatment facility.
2. Fifteen points will be assigned if the proposed project is for the construction of a new wastewater treatment facility, an increase in capacity, or an increase in the level of treatment at an existing wastewater treatment facility.
3. Ten points will be assigned if the project is for the rehabilitation or process improvement of an existing wastewater treatment facility.

C. Failing Onsite Wastewater Disposal System

1. Ten points will be assigned if the proposed project is primarily to address a documented surface water quality, groundwater water quality, or public health problem attributable to onsite wastewater disposal systems that have failed, are failing, or are not properly operating. Documentation must be provided by any local, county, or state health or environmental professional.
2. Five points will be assigned if the proposed project is primarily to address an incidental water quality or public health problem attributable to failing or failed onsite wastewater disposal systems.

D. Collection System Enhancement

1. Fifteen points will be assigned if the proposed project is for collection system rehabilitation to reduce or eliminate inflow or infiltration.
2. Ten points will be assigned if the proposed project is for a new collection system, or the expansion of or an upgrade to an existing collection system.

3. Sustainability

A. Disadvantaged Community. Fifteen points will be assigned if the applicant has a population of 3,300 or less based on the most recent decennial census; the median household income is at or below 75 percent of the state average median household income using the most recent decennial data as conducted by the U.S. Census Bureau or by an income survey overseen by a state or federal agency; and has an average wastewater user charge for 5,000 gallons that is at least 2 percent of the median household income of the applicant.

B. Median Household Income

1. Twenty points will be assigned if the applicant's current average wastewater user charge for five thousand (5,000) gallons is at least 2 percent of MHI using the most recent decennial census data from the U.S. Census Bureau or by an income survey overseen by a state or federal agency. The applicant's current user rate ordinance must be included with the application; or
2. Ten points will be assigned if the applicant's current average wastewater user charge for five thousand (5,000) gallons is 1.50 – 2 percent of MHI using the most recent decennial census data from the U.S. Census Bureau or by an income survey overseen by a state or federal agency. The applicant's current user rate ordinance must be included with the application.
3. Ten points will be assigned if the applicant has a MHI at or below 75 percent of the state average median household income using the most recent decennial data as conducted by the U.S. Census Bureau or by an income survey overseen by a state or federal agency.

C. Inflow and Infiltration Reduction Program. Ten points will be assigned if the applicant has maintained an inflow and infiltration reduction program for the past five years.

D. Master Plan. Five points will be assigned if the applicant's project is specifically identified in a capital improvement plan or an integrated management plan.

4. Untreated/Uncontrolled Runoff

Stormwater runoff from agricultural, suburban, and urban areas such as farms, homes, buildings, roads, or parking lots resulting in flooding of local streams, erosion of stream banks, or increased pollutant transport.

A. Stormwater Treatment/Management Facility. Ten points will be assigned if the proposed project is for a structural device designed to receive stormwater runoff, and detain it for a period of time in order to reduce pollutant transport and stream erosion.

B. Landfills. Ten points will be assigned if the proposed project is to address water quality issues at a landfill. A landfill is any site where the disposal of non-hazardous wastes and/or sludge occurs or has occurred by placing them in or on the land, compacting, and covering with a layer of soil. Project components may include a capping system, leachate collection system, side slope seepage prevention and control system, or monitoring wells that are needed to prevent water quality degradation.

C. Best Management Practice (BMP). Five points will be assigned if the proposed project entails BMP conservation measures that protect water quality and make land areas more productive.

5. Groundwater Pollution

Projects that prevent contamination of groundwater resources.

A. Groundwater Uses. The beneficial uses of the groundwater area being impacted by nonpoint source pollution.

1. Fifteen points will be assigned if the groundwater is a drinking water supply source; or
2. Five points will be assigned if the groundwater is used for industrial purposes, irrigation, and/or livestock/wildlife watering.

B. Leaking Petroleum Storage Tank. Five points will be assigned if the proposed project addresses groundwater problems caused by leaking petroleum storage tanks.

C. Hazardous Waste Site. Ten points will be assigned if the proposed project addresses groundwater problems caused by a hazardous waste site that is participating in the Department's Voluntary Cleanup Program.

D. Inadequate Landfill Leachate Collection/Treatment. Ten points will be assigned if the proposed project addresses groundwater problems caused by inadequate landfill leachate collection and treatment.

6. Aquatic/Riparian Habitat

Aquatic/riparian habitat is a vegetated or potentially vegetated ecosystem along a water body through which energy, materials, and water pass thereby providing nutrient recycling and biological diversity. Ten points will be assigned if the primary purpose of the proposed

project is to restore aquatic/riparian habitat and/or to prevent aquatic/riparian habitat degradation.

7. **Green Project Reserve.** Thirty points will be assigned if the proposed project is for one or more of the following eligible green project reserve components:

- A. **Green Infrastructure.** Practices that manage wet weather and maintains and restores natural hydrology by infiltrating, evapotranspiring and harvesting, and using stormwater. On a regional scale, it is the preservation and restoration of natural landscape features, such as forests, floodplains and wetlands, coupled with policies such as infill and redevelopment that reduce overall imperviousness in a watershed. On the local scale, it consists of site-and-neighborhood specific practices, such as bioretention, trees, green roofs, permeable pavements, and cisterns.
- B. **Water Efficiency.** The use of improved technologies and practices to deliver equal or better services with less water. Water efficiency encompasses conservation and reuse efforts, as well as water loss reduction and prevention, to protect water resources for the future.
- C. **Energy Efficiency.** The use of improved technologies and practices to reduce the energy consumption of water quality projects, use of energy in a more efficient way, and/or produce or utilize renewable energy.
- D. **Environmentally Innovative.** Projects include those that demonstrate new and/or innovative approaches to delivering services or managing water resources in a more sustainable way.

II. Special Priority Points

The Clean Water Commission (Commission) may assign special priority and override the priority points assigned to a project above and place that project on the planning, fundable, or contingency priority lists in a position decided by the Commission. In order to award special priority, the Commission must determine that unique or unusual needs exist which do not logically fit into the rating system described above. In addition, the Commission may award special priority for projects impacting enterprise zones as authorized under state law.

III. Definitions

1. Increase capacity

Increasing the treatment capacity for existing treatment plants, biosolids handling facilities, decentralized treatments systems, and nonpoint source project BMPs with respect to flow or pounds.

2. Increase level of treatment

Improving the degree of treatment. This refers to any improvement in unit processes or BMPs that improve the effluent quality or decrease the concentration of most water quality variables from runoff or other nonpoint sources. The addition of nutrient removal is considered an improvement in effluent quality.

3. Rehabilitation

Restoring, replacing, adding, or repairing parts to existing treatment plants, combined or separate sewer systems, biosolids handling facilities, individual on-site systems, and nonpoint source project BMPs with no increase in capacity or level of treatment.

4. Replacement

An existing facility is considered obsolete and is demolished, and a new facility is constructed on the same site.

5. Process improvement

Any improvement to a facility that does not increase the capacity, increase the level of treatment, expand the service area, or make a similar change to existing treatment plants, biosolids handling facilities, decentralized treatment systems, and nonpoint source project BMPs.

Appendix 6: Clean Water State Revolving Fund Engineering Report Grants

The Department accepts applications throughout the year. The application form and instructions are available online at <https://dnr.mo.gov/document-search/clean-water-engineering-report-grant-application-mo-780-2217>.

Purpose

The purpose of this funding is to assist small communities with engineering costs to plan for wastewater treatment and collection systems improvements related to:

- new permit requirements;
- inflow and infiltration;
- improvements to eliminate wet weather discharges from a peak flow clarifier and/or basins; and/or
- capacity and hydraulic improvements at the wastewater treatment plant to address a reasonably anticipated increase in users or connections (rather than for excessive inflow and infiltration or speculative growth).

Funding comes from the CWSRF capitalization grant's additional subsidization allocation.

Eligible applicants

The grant is available for municipalities, counties, public sewer or water districts, political subdivisions, or instrumentalities of the state serving a population equal to or less than 10,000 that operate a wastewater treatment facility that is either permitted or should be permitted by the Department or satellite wastewater collection system.

In order to be eligible, the applicant must: 1) submit a complete application; 2) have no outstanding fees due to the Department; 3) not already have an engineering report or facility plan for the same issues; and 4) agree to make a good faith effort to pursue recommendations contained in the approved facility plan.

Selection Process

The Department prioritizes applications on a first-come, first-served basis as long as funds remain available.

Description

Eligible systems may receive an 80 percent grant with a 20 percent recipient match, not to exceed a maximum grant amount of \$50,000.

Eligible systems that meet the definition of a disadvantaged community may receive up to 100 percent of the costs for engineering report services, not to exceed a maximum grant amount of \$62,500. The Department defines a disadvantaged community as one that has a population of 3,300 or less based on the most recent decennial census, whose median household income (based

on the most recent decennial census or by an income survey overseen by a state or federal agency) is at or below 75 percent of the state average, and whose user rates are at or above 2 percent of the median household income (based on the most recent decennial census or by an income survey overseen by a state or federal agency).

Grant Timeframe

It is important that any community who wishes to apply for this funding opportunity submit their application early in the project planning process. Early application and communication with the Department on each step are imperative to ensure the project meets all state and federal funding requirements. Facility plan projects that the applicant has already started are not eligible for funding through this program.

Once awarded the grant, the recipient has 18 months to complete the facility plan and have it approved by the Department. The Department will hold the final 10 percent of the reimbursement costs until it has approved the report. The recipient must submit the completed facility plan to the Department for review and approval no later than 60 days prior to the end of the budget period of the award. This ensures adequate time is allowed for a response to any comments. No payments may be made to the recipient after the budget period has expired without an amendment to the grant.

Funding provided under this program shall only be used as reimbursement of expenses for services provided during the project's budget period. Therefore, recipients should wait for notice from Financial Assistance Center to initiate work under this grant in order to ensure all costs incurred are reimbursable.

Cost Eligibility

Eligible costs are contracted professional services incurred in the development of a facility plan.

Eligible costs are:

- The cost of engineering services, environmental investigations, and other services incurred in preparation of the facility plan that will meet the Missouri Clean Water Law requirements and grant requirements.
- Other items deemed reasonable, necessary, and allocable to the project, such as an Antidegradation Review, Inflow and Infiltration Study, Pretreatment Program, and/or Soils Report, if required for the facility plan to be deemed complete.
- Reasonable and cost effective.
- Within the Department-approved scope of the project.

Ineligible costs include, but are not limited to:

- A facility plan or engineering services completed prior to the award.
- Preparation of the facility plan application.
- Costs outside the scope of the Department-approved project.
- Costs incurred outside the approved project period.

- Ordinary operating expenses of the recipient including salaries and expenses of elected and appointed officials, preparation of routine financial reports and studies, and the state operating permit fees or other such permit fees necessary for the normal operation of the constructed facility.
- Preparation of applications and permits required by federal, state, or local regulations or procedures.
- Preparation of applications for future funding for work following the facility plan.
- Administrative, engineering, and legal activities associated with the establishment of special departments, agencies, commissions, regions, districts, or other units of government.
- Fines and penalties.
- Force account labor (use of the grantee's own labor force) including engineering.

Appendix 7: Clean Water State Revolving Fund Integrated Management Plan Grants

The Department accepts applications throughout the year. The application form and instructions are available online at <https://dnr.mo.gov/water/business-industry-other-entities/financial-opportunities/financial-assistance-center/wastewater>.

Purpose

The purpose of this funding is to assist small and medium communities with planning and engineering costs to develop integrated management plans for municipal wastewater and stormwater management, and may include drinking water management.

Integrated management plans assist municipalities to achieve the human health and water quality objectives of the Missouri Clean Water Law (MCWL) and the federal Clean Water Act (CWA) by identifying efficiencies in implementing requirements that arise from distinct wastewater and stormwater programs, including how to best make capital investments. Integrated planning does not remove obligations to comply with the MCWL and CWA, nor does it lower existing regulatory or permitting standards. However, it does recognize that there are flexibilities in the MCWL and CWA that allow for the appropriate prioritization and sequencing or scheduling of work.

Integrated management plans developed with this funding must follow the U.S. Environmental Protection Agency's "Integrated Municipal Stormwater and Wastewater Planning Approach Framework" available at <https://www.epa.gov/npdes/integrated-municipal-stormwater-and-wastewater-planning-approach-framework> and Missouri's Integrated Planning Framework at <https://dnr.mo.gov/document-search/missouri-integrated-planning-framework-pub2684/pub2684>. Funding comes from the CWSRF capitalization grant's additional subsidization allocation.

Eligible applicants

The grant is available for municipalities, counties, public sewer or water districts, political subdivisions, or instrumentalities of the state that 1) operate a permitted wastewater treatment facility serving a population of less than 20,000 and 2) owns/operates a permitted Municipal Separate Storm Sewer System (MS4), as defined in 10 CSR 20-6.200, or has significant stormwater challenges (unrelated to inflow and infiltration) that require capital planning. If the community has a public drinking water system, the community may consider this utility in the development of the integrated management plan. If the drinking water system is included, the integrated management plan must also meet the obligations of the Missouri Safe Drinking Water Law, Sections 640.100 – 640.140, RSMo.

In order to be eligible, the applicant must: 1) submit a completed application; 2) have no outstanding fees due to the Department; 3) not already have an integrated management plan; and 4) agree to make a good faith effort to pursue recommendations contained in the approved integrated management plan. If a co-permitted MS4, the community must submit the application with a letter of support from other permittees to assure appropriate coordination in the preparation of the integrated management plan.

Selection Process

The Department prioritizes applications based on a first-come, first-served basis as long as funds are available.

Description

Eligible systems may receive a 50 percent grant with a 50 percent recipient match, not to exceed a maximum grant amount of \$50,000.

Grant Timeframe

It is important that any community who wishes to apply for this funding opportunity submit their application early in the project planning process. Early application and communication with the Department on each step are imperative to ensure the project meets all state and federal funding requirements. Integrated management plans that the applicant has already started are not eligible for funding through this program.

Once awarded the grant, the recipient has 24 months to complete the integrated management plan, submit the plan to the Department's Operating Permits Section for regulatory review, and receive acceptance from the Financial Assistance Center for final payment. The Department will hold the final 10 percent of the grant funds for cost reimbursement until 1) the Financial Assistance Center accepts the plan for final payment and 2) the recipient submits the plan to the Department's Operating Permits Section for regulatory review. The applicant must submit the complete integrated management plan to the Department for review and approval no later than 60 days prior to the end of the grant budget period. This ensures adequate time for the applicant to respond to Financial Assistance Center comments. The Department *does not* expect the plan to have permitting staff concurrence or a memorandum of understanding signed within the 24-month timeframe. The Department will not make grant payments after budget period expiration without an approved grant amendment.

Grant funds provide reimbursement of Integrated Management Plan development expenses incurred during the project's budget period. Therefore, in order to ensure all costs incurred are reimbursable, do not proceed with plan development until you receive a notice from the Financial Assistance Center to initiate work funded through this grant.

Cost Eligibility

Eligible costs are contracted professional services directly attributable to the development of an integrated management plan consistent with the U.S. Environmental Protection Agency's "Integrated Municipal Stormwater and Wastewater Planning Approach Framework" and the MCWL.

Eligible costs are:

- Reasonable and cost effective.
- Within the Department-approved scope of the project, and may include items such as engineering services, Geographic Information System mapping, environmental investigations, financial reviews, inflow and infiltration studies, pretreatment program evaluation, regionalization evaluation, Combined Sewer Overflow studies, and stormwater studies.

Ineligible costs include, but are not limited to:

- A plan or engineering services completed prior to the award.
- Preparation of the grant application.
- Costs outside the scope of the department-approved project.
- Costs incurred outside the approved project period.
- Ordinary operating expenses of the recipient including salaries and expenses of elected and appointed officials, preparation of routine financial reports and studies, and the state operating permit fees or other such permit fees necessary for the normal operation of the constructed facility.
- Preparation of applications and permits required by federal, state, or local regulations or procedures.
- Preparation of applications for future funding for work following the integrated management plan.
- Administrative, engineering, and legal activities associated with the establishment of special departments, agencies, commissions, regions, districts, or other units of government.
- Fines and penalties.
- Force account labor (use of a grantee's own labor force) including engineering.

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